Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 14 Mar 2021 until 23:59 on Monday 15 Mar 2021

Forecast Issued on Sunday 14 Mar 2021 at 02:30

Confidence: High confidence for High pressure building over the next few days from the west but lower confidence in timings of weak weather fronts that will cross the Peak District at times and how much cloud and rain will be associated with them. High confidence in fresh or strong northerly or northwesterly winds throughout the forecast period.

Headline for Sunday 14 Mar 2021: Westerly gales with outbreaks of sleet increasingly turning to rain.

Mountain weather hazards on Sunday 14 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers	Sunny intervals	Sleet	Sleet	Light rain	Partly cloudy (night)
Precipitation probability					
30%	20%	50%	80%	70%	40%

Forecast for Sunday 14 Mar 2021

Weather: During the morning there will be a mixture of cloud and a few light showers, these perhaps wintry on the highest tops, but with some brighter spells mixed in. Cloud thickening through the morning, with a period of more persistent rain or sleet in the afternoon, turning completely to rain by evening. Rain clears through in the evening.

Chance of cloud free mountain/hill tops above 600m: 70% at first, with areas of cloud lowering below summits especially in showers. Lowering to 30% for the afternoon with more extensive low cloud during the rain.

Visibility: Cloud bases are likely to lower to the tops at times in showers and around 4-500m in rain during the afternoon. Visibility will be good away from cloud, rain or showers, with glimpses of distant ranges possible. However visibility likely to be moderate to poor in the morning showers and afternoon rain. Very poor in low cloud covering hills with nearby landmarks obscured.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 14 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/31 W	26/34 W	29/37 W	27/35 W	30/39 W	24/33 NW	22/29 NW
300	17/23 W	21/29 W	22/31 W	19/26 SW	23/34 W	19/28 NW	16/24 NW
Valley	10/23 W	14/27 W	17/32 W	12/25 SW	16/34 W	13/29 NW	10/24 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	2/-6	1/-6	4/-3	3/-3	3/-3
300	3/-2	4/-2	4/-1	3/-3	6/1	6/1	5/0
Valley	4/0	5/0	5/1	3/-1	6/2	6/2	6/2
Freezing Level*	700m	700m	800m	600m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level rising above the summits with precipitation turning readily to rain later in the afternoon. Still a significant wind chill in the strong westerly winds, with gales possible on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 14 Mar 2021	0mm	0mm	0mm

Forecast for Monday 15 Mar 2021

Weather: Some cloud breaks are likely overnight and during Monday morning. Cloud occasionally thickening enough to give a few spots of rain or showers but there should also be some brighter or sunny spells during the day. More in the way of cloud later in the evening ahead of rain arriving around midnight.

Maximum wind: Northwesterly 15-20mph with gusts 25-30mph at first, but easing to become light during the day.

Chance of cloud free mountain/hill tops above 600m: 70%, cloud generally above the tops, becoming 30% later in the evening as cloud starts to thicken.

Visibility: Cloud bases will generally be above the tops however at times there will be patches of cloud around 600m, this becoming extensive around 4-500m later in the evening. Visibility will generally be good during the day with some views across to other tops, but moderate in any rain and very poor in low cloud covering hills.

Temperature: **Valleys:** Plus 2 rising to 9 Celsius.
At 600m: Plus 3 Celsius.
Freezing level: Around 1000m.

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